

Serial No. 10/779,758

Docket No. K-0604

Amtd. dated May 19, 2006

Reply to Office Action of December 19, 2005

Amendments to the Specification:

Please replace paragraph [0014] with the following amended paragraph:

[0014] There are two holes 402 in a diagonal direction of each of the switches `S`. After the fastening pins `P` are aligned with the holes 402, the switches `S` are pressed down, to insert the switch `S` into the hook `H` and fasten the switch `S`.

Please replace paragraph [0016] with the following amended paragraph:

[0016] Referring to FIG. 2, there are latch inlets 103 in a front part of the latch board 101 for inserting the latch ~~142a~~142. An upper latch inlet 103 has a sloped surface 104 for guiding an upper latch 142a to upward.

Please replace paragraph [0017] with the following amended paragraph:

[0017] Referring to FIG. 3, the upper latch ~~442-142a~~ is engaged with one end of the first lever L1 as the upper latch 142a moves up along the sloped surface 104 and drops at an end of the sloped surface 104. In this instance, the upper latch 142a pushes the first lever L1.

Please replace paragraph [0024] with the following amended paragraph:

[0024] Referring to FIG. 5, the horizontal member 50 has a hole 51 formed therein, for inserting the pin 55 therein. The pin 55 has a flange 56 at a middle part thereof.

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Please replace paragraph [0025] with the following amended paragraph:

[0025] According to this, when the pin 55 is inserted into the hole 51 by a predetermined length, the flange ~~50-56~~ is held by a lower surface of the horizontal member 50, when an extension 57 from a rear end of the pin 55 is projected by a length beyond the horizontal member 50. The extension 57 is flattened by caulking.

Please replace paragraph [0057] with the following amended paragraph:

[0057] The latch board 201 has a bar hole 208 and a latch hole 209. When the door is closed, the push bar 244 and the ~~first lever L1~~ latch 242 are inserted into the bar hole 208 and the latch hole 209, respectively. In this instance, the push bar 244 pushes an arm of the first lever L1, and the latch 242 pushes an arm of the second lever L2.

Please replace paragraph [0060] with the following amended paragraph:

[0060] Referring to FIG. 7, the latch 242 is fitted rotatable around a rotation shaft 305, and the rotation shaft 305 has a rear end having a door handle 243 fixed thereto. An upper side of the latch 242 and one side of the door panel 241 are connected with a spring 306. The door handle 243 is rotated in a clockwise direction in opening the door.

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Please replace paragraph [0066] with the following amended paragraph:

[0066] Referring to FIG. 8, when the door on the microwave oven is closed, the push bar 244 inserted through the bar hole 208 pushes a lower arm L12 of the first lever L1 downward, when the first lever L1 rotates in the counter clockwise direction until an upper arm L11 thereof presses an actuator `A3` on a bottom of the monitor switch `S3`.

Please replace paragraph [0071] with the following amended paragraph:

[0071] In this instance, the latch head 242a pushes the third arm L23 to rotate in the clockwise direction ~~L23~~. The first arm L21 presses down the actuator `A1` of the first safety switch S1, and the second arm L22 presses down the actuator `A2` of the second safety switch S2.

Please replace paragraph [0074] with the following amended paragraph:

[0074] Each of the switches has two holes in a diagonal direction, and the latch board 201 has fastening pins 381 and bosses (not shown) at positions corresponding to positions of the holes ~~Sh~~. The fastening pins 381 and the bosses are inserted in the holes ~~Sh~~ in the switches, respectively. By fastening screw 309 to the bosses, the switch `S` is fastened to the latch board 201.

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Please replace paragraph [0077] with the following amended paragraph:

[0077] Referring to FIGS. 9 and 10, the latch board 301 is divided into a front surface part and a rear surface part by a board wall 319. The front surface part has a first lever L1, a second lever L2, a monitor switch S3, a first safety switch S1, and a second safety switch S2 fitted thereto, and the rear surface part has the other monitor switch S3' and the other first safety switch S1'. The other monitor switch S3' and the other first safety switch S1' may be substituted with switches having different functions, respectively. For simultaneous operation of the one pair of switches fitted in parallel in front and rear of the board wall 319, the levers `L` are passed through the board wall 319.

Please replace paragraph [0080] with the following amended paragraph:

[0080] For an example, two monitor switches S3, and S3', and actuators A3, and A3' thereof are fitted in parallel respectively, and the extension W1 pass through the lever pass through hole 391 so that the first lever L1' presses the two actuators at the same time. When the push bar ~~144~~244 presses the first lever L1', the extension W1 from the upper arm is rotated. According to this, the actuators A3, and A3' of the monitor switches S3 and S3' positioned in front and rear surfaces of the latch board 301 are pressed at the same time with the upper arm and the extension of the first lever L1'.

Please replace paragraph [0081] with the following amended paragraph:

[0081] ~~A likely~~ Likewise, the extension W2 from the second lever L2' also passes through the lever pass through hole 392 in the latch board ~~201~~301. When the latch ~~142-242~~ presses the second lever L2', the extension W2 from the second lever L2' rotates. According to this, the actuators A1, and A2 of the first safety switches S1, ~~and S2~~ and S1' positioned on the front and rear surfaces of the latch board 301 are pressed at the same time by the arm and the extension W2 of the second lever L2'.

Please replace paragraph [0083] with the following amended paragraph:

[0083] Referring to FIG. 13, the lever L is rotatably fitted to a rotation shaft 201c of a latch board 201. The lever L is held with a hook 201d after the lever L is inserted in the rotation shaft 201c for preventing break away of the lever L from the rotation shaft 201c.

Please replace paragraph [0084] with the following amended paragraph:

[0084] When the lever L is inserted ~~into~~ onto the rotation shaft 201c, the hook 201d deforms elastically, and after insertion of the lever ~~101e~~ L is finished, the hook 201d is restored, to hold an upper part of the lever L. For preventing deformation or breakage of the hook 201d in contact with the lever L, a sloped surface ~~55~~ 255 is formed at the lever L in contact with the hook 201d. That is, since a head of the hook 201d slides along the sloped surface 255 when the

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hook 201d fastens the lever L, the lever L can be fitted to the latch board more stably without any damage to the lever L or the hook 201d.

Please replace paragraph [0097] with the following amended paragraph:

[0097] Opposite to this, what is required for closing the door is just pushing the door forward in a state the handle ~~5-243~~ is at a regular position. In this instance, the latch ~~2-242~~ is inserted into the ~~latch board~~door panel 241, and engaged with the projection 241a.